

CONSTRUCTION LEGEND

ITEMS UNDERLINED TO BE CONSTRUCTED

- ① PORTLAND CEMENT CONCRETE CURB AND GUTTER
- ② PORTLAND CEMENT CONCRETE CURB
- ③ ASPHALT CONCRETE CURB
- ④ PORTLAND CEMENT CONCRETE LONGITUDINAL GUTTER
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK, 4" THICK
- ⑥ PORTLAND CEMENT CONCRETE SIDEWALK, 6" THICK
- ⑦ PORTLAND CEMENT CONCRETE PAVEMENT ON BASE MATERIAL
- ⑧ ASPHALT CONCRETE PAVEMENT
- ⑨ ASPHALT CONCRETE PAVEMENT ON BASE MATERIAL
- ⑩ ASPHALT CONCRETE PAVEMENT, VARIABLE THICKNESS
- ⑪ STABILIZATION GEOTEXTILE
- ⑫ SLURRY SEAL
- ⑬ COLD MILL ASPHALT CONCRETE PAVEMENT
- ⑭ RESIDENTIAL DRIVEWAY, TYPE A (Y = 4')
WITH DEP BA = 0.25 UNLESS OTHERWISE SHOWN
- ⑮ ALLEY INTERSECTION (ON 6" CMB)
- ⑯ CROSS GUTTER (ON 6" CMB)
- ⑰ RETAINING STRUCTURE
- ⑱ DRAINAGE SYSTEM AS SHOWN ON SHEET 13
- ⑲ REINFORCED CONCRETE STAIRWAY
- ⑳ CURB RAMP PER CALTRANS STD PLAN RSP A88A,
CASE B, UNLESS OTHERWISE SHOWN (SEE NOTE 9)
- ㉑ CONCRETE BUS PAD (9" PCC ON 6" CMB UNLESS OTHERWISE SHOWN)
- ㉒ ASPHALT RUBBER HOT MIX (ARHM)
- ㉓ RUBBERIZED ASPHALT CONCRETE (RBAC), VARIABLE THICKNESS
OR ASPHALT RUBBER HOT MIX (ARHM), VARIABLE THICKNESS
- ㉔ FURNISH AND PLANT TREE (SEE NOTE 6)
- ㉕ CROWN REDUCE AND ROOT PRUNE TREE,
FURNISH AND INSTALL ROOT CONTROL BARRIER
- ㉖ ADJUST MANHOLE
- ㉗ DOUBLE ADJUST MANHOLE
- ㉘ RECONSTRUCT MANHOLE
- ㉙ TREE WELL COVERS, TYPE _____, CASE _____
- ㉚ CURB DRAIN, CASE _____, N = _____
- ㉛ PARKWAY DRAIN, INLET TYPE _____, S = _____
- ㉜ ROOT PRUNE TREE, FURNISH AND INSTALL ROOT CONTROL BARRIER
- ㉝ DETECTABLE WARNING SURFACE
- ㉞ COLD-IN-PLACE RECYCLED AC PVMT (CIRACP)
- ㉟ HOUSEWALK, 4" PCC
- ㊱ 4" AC (P1) ON 4" TBS (2' WIDE UNLESS OTHERWISE SHOWN)
- ㊲ ADJUST TRAFFIC SIGNAL PULL BOX (SEE NOTE 5)
- ㊳ CONSTRUCT CURB OPENING CATCH BASIN WITH GRATING(S)
AND DEBRIS SKIMMER PER SPPWC STD PLAN 301-3
- ㊴ CONSTRUCT 18" RCP STORM DRAIN, D-LOAD AS SHOWN ON PROFILE
- ㊵ ISLAND PASSAGEWAY PER CALTRANS STD PLAN A88B
- ㊶ LOCAL DEPRESSION PER SPPWC STD PLAN 313-3, CASE G
- ㊷ REMOVE EXISTING CATCH BASIN
- ㊸ REMOVE EXISTING PIPE, TYPE AND LENGTH AS SHOWN ON PLAN

CONSTRUCTION NOTES

CHECKED BOXES ARE FOR ITEMS APPLICABLE TO THIS PROJECT

- ☒ 1. PRIME CONTRACTOR LICENSE REQUIRED: CLASS A OR C12.
- ☒ 2. STANDARD PLANS REFERENCED ARE PER THE STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC) UNLESS OTHERWISE NOTED.
- ☒ 3. PRIOR TO RESURFACING WITH ARHM, FILL ALL HOLES AND CRACKS WIDER THAN 1/4" WITH SS-1H EMULSIFIED ASPHALT AND SAND. PAYMENT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR ASPHALT RUBBER HOT MIX.
- ☐ 4. PRIOR TO RESURFACING WITH AC, FILL ALL HOLES AND CRACKS WITH SS-1H EMULSIFIED ASPHALT AND SAND. PAYMENT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR AC PAVEMENT.
- ☒ 5. REPLACE AND RELOCATE TRAFFIC SIGNAL AND STREET LIGHTING PULL BOXES AFFECTED BY CURB RAMP AND SIDEWALK CONSTRUCTION. PAYMENT WILL BE MADE AT THE CONTRACT UNIT PRICE FOR NO. 6 PULL BOX.
- ☒ 6. FURNISH AND PLANT 24 GALLON TREE PER STD PLAN 520-4 WITH DOUBLE STAKING PER STD PLAN 518-3.
ALTADENA DR: CALIFORNIA LIVE OAK (QUERCUS AGRIFOLIA)
NEW YORK DR: EUCALYPTUS (EUCALYPTUS GLOBULUS)
SAN GABRIEL BL: CALIFORNIA LIVE OAK (QUERCUS AGRIFOLIA)
- ☒ 7. ELEVATIONS SHOWN ARE IN FEET BASED ON LACDPW PASADENA QUAD 2000 ADJUSTMENT AND ARCADIA QUAD 1995 ADJUSTMENT, NAVD 1988 DATUM.
- ☐ 8. ELEVATIONS SHOWN ARE IN FEET ABOVE MEAN SEA LEVEL BASED ON _____ ADJUSTMENT, NGVD 1929 DATUM.
- ☒ 9. CONSTRUCT RETAINING CURB AT BACK OF CURB RAMP PER CALTRANS STD PLAN RSP A88A, SECTION B-B, UNLESS OTHERWISE NOTED.
- ☒ 10. ADJUST AFFECTED SPRINKLER SYSTEMS TO THE NEW GRADE. THE COST TO ADJUST THE AFFECTED SPRINKLER SYSTEM AND RESTORE AFFECTED VEGETATION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PCC CURB & GUTTER.
- ☒ 11. ALL PIPE IN OPEN TRENCH SHALL BE BEDDED ACCORDING TO LACDPW STANDARD PLAN NO. 3080-2, CASE III, EXCEPT BELL AND SPIGOT PIPE WHICH SHALL BE CASE II BEDDING, UNLESS OTHERWISE SHOWN. "W" VALUES SHALL BE AS SPECIFIED ON STANDARD PLAN NO. 3080-2 FOR CASE III BEDDING, NOTES (a), (b), AND (c). IF THE "W" VALUE AT THE TOP OF THE PIPE IS EXCEEDED, THE BEDDING SHALL BE MODIFIED, AND/OR PIPE OF ADDITIONAL STRENGTH SHALL BE PROVIDED. THE PROPOSED MODIFICATION SHALL BE APPROVED BY THE DEPARTMENT.

CONSTRUCTION SYMBOLS

- ① INDICATES WORK PER CONSTRUCTION LEGEND
- ② CURVE DATA SHOWN IN TABLE ON PLAN
- ③ 2" P4 ABOVE LINE: INDICATES THE TYPE OF STANDARD:
THICKNESS OF SURFACE MATERIAL
IN INCHES; STD PLAN VARIABLES:
OR CURB RAMP CASE
- ④ 5" CMB BELOW LINE: REFERENCE TO DETAIL OR THICKNESS OF BASE
BASE MATERIAL IN INCHES OR TREE WELL CASE
- ⑤ a x b ABOVE LINE: a = LENGTH PARALLEL TO CURB
b = LENGTH PERPENDICULAR TO CURB
- ⑥ R REMOVE TREE
- ⑦ 14' a, b 2" P4 ABOVE LINE: a = WIDTH OF DRIVEWAY BEHIND APRON
b = DISTANCE BACK OF APRON
BELOW LINE: THICKNESS AND TYPE OF SURFACE
MATERIALS BEHIND APRON
LEFT OF LINE: STA OF THE DRIVEWAY APRON
RIGHT OF LINE: DRIVEWAY WIDTH "W" OF APRON
- ⑧ MT W MEDIAN TAPER PER STD PLAN 140-3
- ⑨ RU UTILITY TO BE RELOCATED BY OTHERS

STANDARD PLANS

SPPWC, 2009 EDITION

- 101-2 ABOVE-GROUND UTILITIES LOCATION IN PARKWAY
- 110-2 DRIVEWAY APPROACHES
- 112-2 CURB AND SIDEWALK JOINTS
- 120-2 CURB AND GUTTER - BARRIER
- 121-2 CURB AND GUTTER - MOUNTABLE
- 122-2 CROSS AND LONGITUDINAL GUTTERS
- 131-2 CONCRETE BUS PAD
- 132-3 CONCRETE PAVEMENT REPLACEMENT
- ~~140-3 MEDIAN TAPER~~
- 205-2 SEWER MANHOLE ADJUSTMENT
- 206-2 MANHOLE RAISING RINGS
- 301-3 CURB OPENING CATCH BASIN WITH GRATING(S)
AND DEBRIS SKIMMER
- 308-2 MONOLITHIC CATCH BASIN CONNECTION
- 309-2 CATCH BASIN REINFORCEMENT
- 310-3 CATCH BASIN FACE PLATE ASSEMBLY AND
PROTECTION BAR
- 311-3 FRAME AND GRATING FOR CATCH BASINS
- 313-3 LOCAL DEPRESSIONS AT CATCH BASINS
- 314-3 MODIFICATIONS FOR SIDE OPENING CATCH BASIN
- 324-2 MANHOLE SHAFT WITH ECCENTRIC REDUCER
- 518-3 TREE STAKING
- 519-3 TREE WELL
- 520-4 TREE PLANTING
- 523-2 ROOT PRUNING
- 635-3 STEEL STEP
- 636-2 POLYPROPYLENE PLASTIC STEP

- LACDPW, 2000 EDITION
- 2003-2 REINFORCED PRECAST CONCRETE MANHOLE
 - 2009-1 RECONSTRUCTION OF BRICK MANHOLE TOPS
 - 3080-3 PIPE BEDDING IN TRENCHES
- STATE OF CALIFORNIA, 2006 EDITION
- RSP A88A CURB RAMP DETAILS (DATED 09-01-06)
- A88B CURB RAMP AND ISLAND PASSAGEWAY
DETAILS (DATED 05-01-06)

NON-STANDARD ABBREVIATIONS

- | | |
|----------|---|
| AP | ANGLE POINT |
| BA | BACK OF APRON |
| BW | BACK OF WALK |
| CALTRANS | STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION |
| COM | COMMERCIAL |
| CSDMH | COUNTY SANITATION DISTRICT MANHOLE |
| DEP | DEPRESS |
| DMH | STORM DRAIN MANHOLE |
| LACDPW | LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS |
| LD | LOCAL DEPRESSION |
| LT | LEFT |
| PWFB | PUBLIC WORKS FIELD BOOK |
| PWLB | PUBLIC WORKS LEVEL BOOK |
| RES | RESIDENTIAL |
| RT | RIGHT |
| SMH | SEWER MANHOLE |
| TBS | TRENCH BACKFILL SLURRY
(CLASS 270-E-500) |

REFERENCES

1. MATERIALS TEST REPORT - LAB No.36889
(DATED 03/10/10)
2. PWFB 1525 PAGES 193A, 320
3. PWFB 1526 PAGE 3244
4. PWFB 1625 PAGES 420A, 574-579
5. PWFB 1725 PAGES 153D, 154C, 272B,
PAGES 1274-1275, 1393-1405
6. PWLB 1525 PAGE 89
7. PWLB 1526 PAGE 2067
8. PWLB 1625 PAGES 204, 206-208
9. PWLB 1725 PAGES 1036-1041
10. PRELIMINARY STUDY MAP - ALTADENA DR
AND NEW YORK DR (DATED 04/09/08)
11. PRELIMINARY STUDY MAP - CALIFORNIA BLVD
(DATED 04/09/08)
12. PRELIMINARY STUDY MAP - SAN GABRIEL BLVD
(DATED 04/09/08)

AS BUILT



DATE 4/7/11 MK DESCRIPTION DELETED MEDIAN TAPER

REVISIONS

CONVENTIONAL SYMBOLS

- | | EXISTING TOPOGRAPHY | PROPOSED IMPROVEMENTS |
|--------------------|---------------------|-----------------------|
| CURB | --- | --- |
| CURB AND GUTTER | --- | --- |
| GUTTER | --- | --- |
| PAVEMENT CONCRETE | --- | --- |
| AC | --- | --- |
| CURB RAMP | --- | --- |
| BUILDING | --- | --- |
| BARRICADE | --- | --- |
| FENCE | --- | --- |
| GUY POLE | --- | --- |
| DRIVEWAY | --- | --- |
| FIRE HYDRANT | --- | --- |
| GUARDRAIL | --- | --- |
| GUY WIRE | --- | --- |
| MANHOLE | --- | --- |
| PIPE | --- | --- |
| CONNECTOR PIPE | --- | --- |
| MAIN LINE | --- | --- |
| POLE | --- | --- |
| PROPERTY LINE | --- | --- |
| R/W LINE | --- | --- |
| PULL BOX | --- | --- |
| RAILROAD | --- | --- |
| RR XING PROTECTION | --- | --- |
| SHRUB | --- | --- |
| SIDEWALK | --- | --- |
| SIGNAL CONTROL BOX | --- | --- |
| SIGNAL FLASHING | --- | --- |
| TRAFFIC LOOP | --- | --- |
| STREET LIGHT | --- | --- |
| PALM TREE | --- | --- |
| OAK TREE | --- | --- |
| OTHER TREE | --- | --- |
| VALVE | --- | --- |
| VAULT | --- | --- |
| BRICK (BLOCK) WALL | --- | --- |
| CONCRETE WALL | --- | --- |
| STONE WALL | --- | --- |
| TOP OF SLOPE | --- | --- |
| TDE OF SLOPE | --- | --- |
| STAND PIPE | --- | --- |

SHADED IF NOT CONTINUOUS



PH079567

AC PAVEMENT CLASS AND GRADE LEGEND

- | | |
|----------------|----------------|
| P1 C2-PG 64-10 | P3 B-PG 70-10 |
| B-PG 64-10 | |
| P2 C2-PG 64-10 | P4 D2-PG 64-10 |

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

CALIFORNIA BOULEVARD, ET AL.

CONSTRUCTION NOTES AND REFERENCES
PROJECT ID NO. RDC0012976

PCA X7500145

OWG

SHEET 2 OF 13

PLAN RD